

Making Slips Your Own

Use Basic HTML, CSS and the Template Toolkit to Make Dynamic Notices and Slips

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- ▶ A network of twelve colleges in MA
 - ▶ 11 community colleges
 - ▶ 1 four-year college
- ▶ Koha users since founding in 2017
- ▶ FLO provides library support and hosts the catalog
- ▶ Collaborative approach to network management

Problem

- ▶ You need different slips and notices for different circumstances
- ▶ HELM needed the following types of hold slips:
 - ▶ Internal hold slip for local requests
 - ▶ ComCat (out-of-network) hold slip for non-HELM requests
 - ▶ In-network hold slip for HELM requests that mimicked the statewide delivery form

Solution

- ▶ Use HTML, CSS, and the Template Toolkit (TT) to create customized solutions
- ▶ The logic that TT provides allows different slips to be triggered depending on where the hold is supposed to go

Hold Slip Pop-up

K Koha > Circulation > Hold transfer print receipt - Google Chrome	
⚠ Not secure staff.koha-test.helmlib.org/cgi-bin/koha/circ/hold-transfer-slip.pl?reserve_id=5075	
TO:	
N	
Northeast Region	
Middlesex Community College Library - Bedford	
TOWN/INSTITUTION	
BRANCH	
ATTENTION	
09/14/2020 11:29	
DATE SENT	
FROM: Quinsigamond Community College Library - Alden 670 West Boylston Street Worcester, MA 01606 C - Central Region	
NOTE:	
DELIVERY PROVIDED BY: MASSACHUSETTS REGIONAL LIBRARY SYSTEMS	

Possible Applications

- ▶ Send different overdue notices to different patron groups
 - ▶ Send adults one notice and children another
 - ▶ Send students one notice and faculty another
- ▶ Send different hold notices based on the item type
 - ▶ Send one notice for books and another for laptops
- ▶ Print different hold slips based on the destination
 - ▶ Print one hold slip for network holds and another for ILL
- ▶ Other combinations that you can dream up!

HTML & CSS Example

► HTML

`<h2>Item is going out on ComCat Loan. Log in to ComCat to complete</h2>`

- Text between tags
- Each tag controls formatting of text
- In this example, “h2” is a heading tag

► HTML & CSS

`<div style="border-top: 1px solid black; text-align: center; padding-top: 1px; font-weight: bold;">TOWN/INSTITUTION</div>`

- CSS is additional formatting and provides more control
- The “style” attribute allows the modification of the HTML tag (div in this case)

HTML Tables

Table tag
Table row
Table cell

```
<table style="border: 1px solid black; width: 40%">  
  <tr><td><div><<branches.branchaddress3>></div></td></tr>  
</table>
```

Visual representation of an HTML table:

<table> {	<td>	<td>	<td>	<tr>
	<td>	<td>	<td>	<tr>
	<td>	<td>	<td>	<tr>

Template Toolkit Overview

- ▶ Available in all Koha notices and slips
- ▶ A “fast, flexible, and highly extensible template processing system”
- ▶ All TT directives are between the [% and %] tags
- ▶ Allows the use of conditions, variables, loops, and much more
- ▶ Just using conditions and variables can accomplish a lot
- ▶ See the [TT manual](#) for detailed information
- ▶ [Koha Wiki](#) has a list of the available variables by notice/slip
- ▶ Experimentation is key

Template Toolkit Example

```
[% IF hold.branchcode == 'MCC_B' %]
```

```
<p>Print this text</p>
```

```
[% END %]
```

This simple example says, “if the hold was placed for the Middlesex-Bedford branch, display the HTML below.” If the hold is not for MCC_B, then nothing happens.

HELM Hold Slips Part 1 - Internal Holds

```
[% IF hold.branchcode == 'MCC_B' %]
```

TT if statement

```
<h1><<borrowers.surname>>,  
<<borrowers.firstname>></h1>
```

```
<h5>Date: <<today>></h5>
```

Notice/slip
variable

```
<ul>
```

```
<li><<borrowers.cardnumber>></li>
```

```
<li><<borrowers.phone>></li>
```

```
<li><<borrowers.email>></li>
```

```
</ul>
```

```
<br>
```

HTML

```
<h3>ITEM ON HOLD</h3>
```

```
<h4>title:<<biblio.title>> by <<biblio.author>>
```

```
<ul>
```

```
<li><<items.barcode>></li>
```

```
<li><<items.itemcallnumber>></li>
```

```
</ul>
```

TT else if
statement

```
[% ELSIF hold.branchcode == 'MCC_L' %]
```

```
<h2>Use Green Slip - Send to Lowell!</h2>
```

HELM Hold Slips Part 2 - ComCat Holds

`[% ELSIF hold.branchcode == 'COMCAT' %]`

`<h2>`Item is going out on ComCat Loan. Log in to ComCat to complete`</h2>`

Another TT
else if

Another HTML
heading tag

HELM Hold Slips Part 3 - In-network Holds

[% ELSE %]

```
<table style="border: 1px solid black; width: 40%">

  <tr><td><div><<branches.branchaddress3>></div></td><tr><div style="text-align: center; padding-bottom: 1px; padding-top: 20px; font-size: 20px"><<branches.branchaddress1>></div></td></tr>

  <tr><td><div style="border-top: 1px solid black; text-align: center; padding-top: 1px; font-weight: bold;">TOWN/INSTITUTION</div></td></tr>

  <tr><td><div style="text-align: center; padding-bottom: 1px; padding-top: 20px;"></div></td></tr>

  <tr style="margin-top: 1px"><td><div style="border-top: 1px solid black; text-align: center; padding-top: 1px; font-weight: bold;">BRANCH</div></td></tr>

  <tr style="margin-bottom: 1px;"><td><div style="text-align: center; padding-bottom: 1px; padding-top: 20px;"></div></td></tr>

  <tr style="margin-top: 1px"><td><div style="border-top: 1px solid black; text-align: center; padding-top: 1px; font-weight: bold;">ATTENTION</div></td></tr>

  <tr style="margin-bottom: 1px;"><td><div style="text-align: center; padding-bottom: 1px; padding-top: 20px;"><<today>></div></td></tr>

  <tr style="margin-top: 1px"><td><div style="border-top: 1px solid black; text-align: center; padding-top: 1px; font-weight: bold;">DATE SENT</div></td></tr>

  <tr><td><div style="padding-top: 10px; font-weight: bold;">FROM:</div><div style="padding-bottom: 10px; font-weight: bold; font-size: 15px">Middlesex Community College Library - Bedford<br> 591 Springs Rd.<br>Bedford, MA 01730<br><div style="font-size: 6 pt; font-weight: bold;">N - Northeast Region</div> </div></td></tr>

  <tr style="border-top: 1px solid black;"><td> <div style="padding-top: 10px; font-weight: bold;">NOTE:</div><br><br><div style="padding-bottom: 10px; font-weight: bold; font-size: 15px">DELIVERY PROVIDED BY:<br> MASSACHUSETTS REGIONAL<br>LIBRARY SYSTEMS<br></td></tr>

</table>
```

[% END %]

Adding a Region for State Delivery Service

- ▶ Utilizes Address line 3 in library record
- ▶ `<div style="float: left; font-weight: bold; font-size: 150%;">TO:</div><div style="font-size: 400%; font-weight: bold; text-align: center;">W</div><div style="font-size: 150%; font-weight: bold; text-align: center;">Western Region</div>`

Address line 1:	<input type="text" value="Holyoke Community College Library"/>
Address line 2:	<input type="text" value="303 Homestead Ave"/>
Address line 3:	<input type="text" value="<div style='float: left; font-weight: bold; font-size: 150%;'>TO:</div><div style='font-size: 400%; font-weight: bold; text-align: center;'>W</div><div style='font-size: 150%; font-weight: bold; text-align: center;'>Western Region</div>"/>
City:	<input type="text" value="Holyoke"/>
State:	<input type="text" value="MA"/>
ZIP/Postal code:	<input type="text" value="01040"/>
Country:	<input type="text" value="US"/>

Demo

- ▶ Internal hold slip for local requests (MCC_B)
- ▶ ComCat (out-of-network) hold slip for non-HELM requests (COMCAT)
- ▶ In-network hold slip for HELM requests that mimicked the statewide delivery form (HCC)

Resources

- ▶ Koha Wiki—[Customizing Notices and Slips](#)
- ▶ Koha Wiki—[Notices with Template Toolkit](#)
- ▶ [Template Toolkit Manual](#)
- ▶ W3Schools—[HTML](#)
- ▶ W3Schools—[CSS](#)
- ▶ [HELM](#)

Questions

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